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Claim Amendments

1. (Currently Amended) An apparatus supporting endpoint devices, comprising:
a point-to-point communication array comprising communication media to
transfer data with said endpoint devices; and

a hub device, coupled with said point-to-point communication array to configure
said point-to-point communication array by dedication of a communication medium of
said point-to-point communication array to each endpoint device that is coupled to said
hub device via the point-to-point communication array, wherein said dedication is
transfer data between an endpoint device and said hub device based upon device
connectivity indications for said endpoint devices.

2. (Currently Amended). The apparatus of claim 1, wherein the endpoint
devices are device is coupled to said communication media of said point-to-point
communication array via connectors ~~a connector~~.

3. (Currently Amended) The apparatus of claim 2, wherein
the each connector comprises a connector having a primary port coupled to said
point-to-point communication array and a non-primary port coupled to said point-to-point
communication array, and

said hub device dedicates communication media of said point-to-point
communication array to primary ports with coupled endpoint devices before dedicating
communication media to non-primary ports with coupled endpoint devices.

4. (Currently Amended) ~~The apparatus of claim 2,~~ An apparatus, comprising:

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a point-to-point communication array to transfer data; and
a hub device, coupled with said point-to-point communication array to configure
said point-to-point communication array by dedication of a communication medium of
said point-to-point communication array to transfer data between an endpoint device
and said hub device based upon device connectivity, wherein
the endpoint device is coupled with said point-to-point communication array via a
connector, and

the connector comprises a detachable coupling to decouple the connector from the communication medium in response to a signal from said hub device.

5. (Original) The apparatus of claim 4, the detachable coupling comprises an inductive coupling to couple the connector with the communication medium.

6. (Currently Amended) ~~The apparatus of claim 2,~~ An apparatus, comprising:
a point-to-point communication array to transfer data; and
a hub device, coupled with said point-to-point communication array to configure
said point-to-point communication array by dedication of a communication medium of
said point-to-point communication array to transfer data between an endpoint device
and said hub device based upon device connectivity, wherein
the endpoint device is coupled with said point-to-point communication array via a
connector, and

the connector comprises a translator to translate between magnetic and electrical signals.

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7. (Currently Amended) The apparatus of claim 6 4, wherein said point-to-point communication array comprises a lane to transmit data between the endpoint device and said hub device.

8. (Original) The apparatus of claim 7, wherein the lane comprises a selectable lane.

9. (Currently Amended) The apparatus of claim 6 4, wherein said hub device comprises circuitry to provide peer-to-peer communication.

10. (Currently Amended) The apparatus of claim 4 4, wherein said hub device comprises logic circuitry coupled with said point-to-point communication array to select the endpoint device based upon receipt of a signal to indicate a device connectivity.

11. (Original) The apparatus of claim 10, wherein the logic circuitry comprises circuitry to transmit a signal to request a device connectivity.

12. (Currently Amended) A method, comprising:
receiving indications of ~~a signal to indicate a~~ device connectivity for an endpoint ~~devices~~ device coupled with communication media of a point-to-point communication array; and
~~determining a configuration for the point-to-point communication array based upon the signal; and~~

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dedicating a first communication medium of the point-to-point communication array to ~~transfer data between the~~ a first endpoint device and a second communication medium of the point-to-point communication array to a second endpoint device and a hub device, based upon the indications of device connectivity indicating that the first endpoint device and the second endpoint device are coupled to the point-to-point communication array configuration.

13. (Currently Amended) The method of claim 12, further comprising requesting an indication of a device connectivity from the endpoint devices ~~device~~ via the first communication medium.

14. (Currently Amended) The method of claim 12, wherein said receiving the indications ~~a signal~~ comprises receiving an indication ~~a signal~~ indicating that a primary port of the first endpoint device is coupled with the first communication medium.

15. (Currently Amended) The method of claim 12, wherein said receiving the indications ~~a signal~~ comprises receiving an indication ~~a signal~~ indicating that a non-primary port of the first endpoint device is coupled with a the second communication medium of the point-to-point communication array.

16-18. (Canceled).

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19. (Currently Amended) The method of claim 12, wherein said dedicating a first communication medium comprises ~~transmitting a signal to couple~~ coupling a port of the first endpoint device with the first communication medium.

20. (Currently Amended) The method of claim 19 42, wherein said dedicating a first communication medium comprises ~~transmitting a signal to decouple~~ decoupling a port of the second endpoint device from the first communication medium.

21. (Currently Amended) A system, comprising:

- a memory device to store data;
- ~~a chipset coupled with said memory, comprising~~
- a memory controller to access said memory; ~~and~~
- ~~an input-output controller, comprising~~
- a point-to-point communication array to transfer data; and
- a hub device, coupled with said point-to-point communication array to configure said point-to-point communication array by dedication of a first communication medium of said point-to-point communication array to a first endpoint device that is coupled to said hub device via said point-to-point communication array and a second endpoint device that is coupled to said hub device via the point-to-point array in response to determining that said first endpoint device and said second endpoint device are coupled to said point-to-point communication array transfer data between an endpoint device and said hub device based upon device connectivity.

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22. (Currently Amended) The system of claim 21, further comprising a processor ~~coupled with said chipset, to transmit data from said memory via the data transmission medium.~~

23. (Currently Amended) The system of claim 21, wherein the first endpoint device is coupled with said point-to-point communication array via a first connector.

24. (Currently Amended) The system of claim 21, wherein said hub device comprises logic circuitry coupled with said point-to-point communication array to dedicate the first communication medium to select the first endpoint device based upon receipt of a signal that indicates the first endpoint device is coupled to said point-to-point communication array to indicate a device connectivity.

25-27. (Canceled).

28. (Currently Amended) A machine-readable medium containing comprising instructions, which when executed by a machine, cause said machine to perform operations, comprising:

receiving signals that ~~a signal~~ to indicate a device connectivity for an endpoint devices ~~device~~ coupled with a point-to-point communication array;

~~determining a configuration for the point-to-point communication array based upon the signal; and~~

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dedicating a first communication medium of the point-to-point communication array to transfer data between the endpoint device and a hub device, based upon the signals configuration.

29. (Currently Amended) The machine-readable medium of claim 28, wherein the instructions further cause said machine to perform operations, comprising requesting an indication of a device connectivity from the endpoint device devices via the first communication medium.

30. (Canceled)

31. (New) The machine-readable medium of claim 28, wherein the instructions further cause said machine to perform operations, comprising dedicating, in addition to the first communication medium, a second communication medium of the point-to-point communication array to the first endpoint device.

32. (New) The machine-readable medium of claim 28, wherein the instructions further cause said machine to perform operations, comprising dedicating a second communication medium of the point-to-point communication array to a second endpoint device.

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33. (New) The method of claim 12 further comprising dedicating, in addition to the first communication medium, a third communication medium of the point-to-point communication array to the first endpoint device.

34. (New) The method of claim 12 wherein dedicating the third communication array comprises

coupling the third communication medium of the point-to-point communication array to the first endpoint device, and

decoupling the third communication medium from the second endpoint device.